

ABSTRACT OF THE DISCLOSURE

A system and method for reducing the shop time of a vehicle, e.g., a locomotive, at a maintenance facility by obtaining onboard systems parameter data during a period when the vehicle is inbound to the maintenance facility for required
5 periodic scheduled maintenance, and by determining, at the maintenance facility and prior to arrival of the vehicle at the maintenance facility, from the data received from the inbound vehicle, whether any of the data is out of a predetermined range or is trending to be out of range.